

CLAIMS.

1- A rotating data carrier, which can be processed in an apparatus having a motor for rotating it and an angle measuring device for providing the angular position of the rotary part of the disc motor, which angular position is needed for the commutation of the motor,
5 characterized in that marks are placed on it for determining the angle by said angle measurer.

2- A data carrier as claimed in claim 1 characterized in that the marks are formed by, at least, a zone placed on the carrier.

3- A data carrier as claimed in claim 1 or 2, characterized in that the data carrier
10 is an optical disc.

4- A data carrier as claimed in claim 2 or 3 characterized in that the zones have a rectangular form.

5- A data carrier as claimed in claim 2 or 3 characterized in that the zones have a sector form.

15 6- A data carrier as claimed in any one of claims 3-5, characterized in that zones have a specific length with respect to the data written on the disc and have a reflectivity which may be the same as the reflectivity of the data.

7- A data carrier as claimed in claims 2 or 3 characterized in that said marks are placed on the periphery of the carrier.

20 8- A data carrier as claimed in claims 2 or 3 characterized in that said marks are placed on the edge of the carrier.

9- A data carrier as claimed in any one of claims 1-8, characterized in that a hole is provided in a dead zone of the disc for cooperating with a pin placed on a rotating plate attached to said motor, so that the angular position of the marks on the disc is known with
25 respect to the rotary part (rotor) of the motor.

10- A data carrier as claimed in claim 9 characterized in that said marks are formed by notches.

11- An apparatus for processing data contained in a data carrier as claimed in any one of claims 1-10, characterized in that it comprises an angle measurer using said marks.

30 12- A method for measuring the angle of a data carrier involving the following steps:

- putting marks on the data carrier,
- detecting the passing of the marks in the vicinity of a detector,

- processing the output of the detector for providing said measure,
- commutation of the motor/ control the motor.